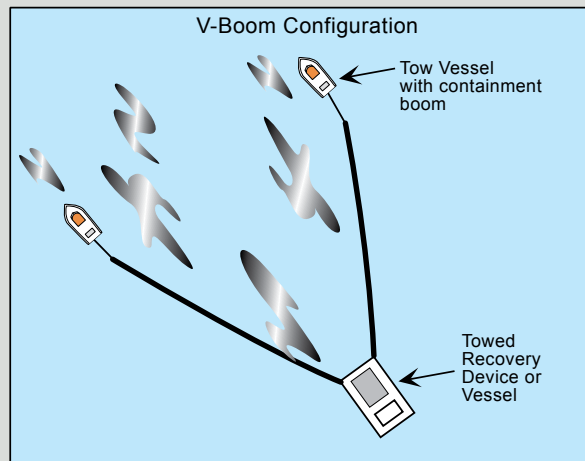
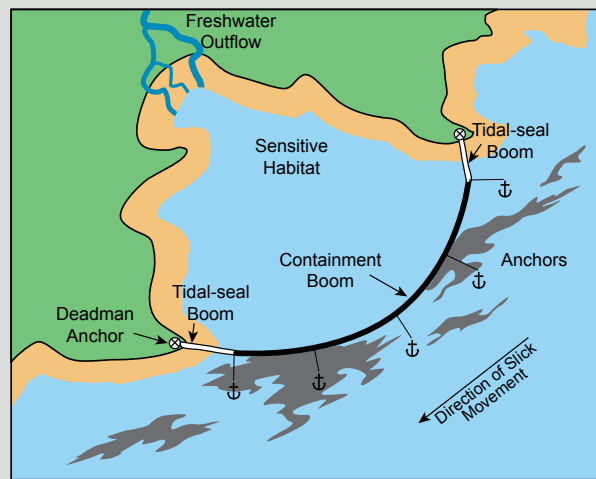


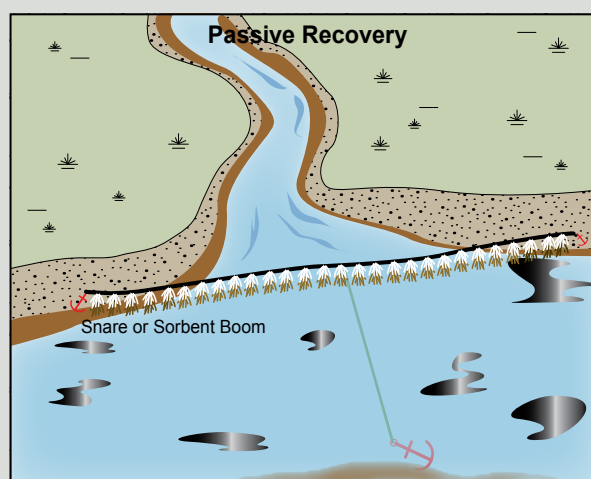
An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil Recovery Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

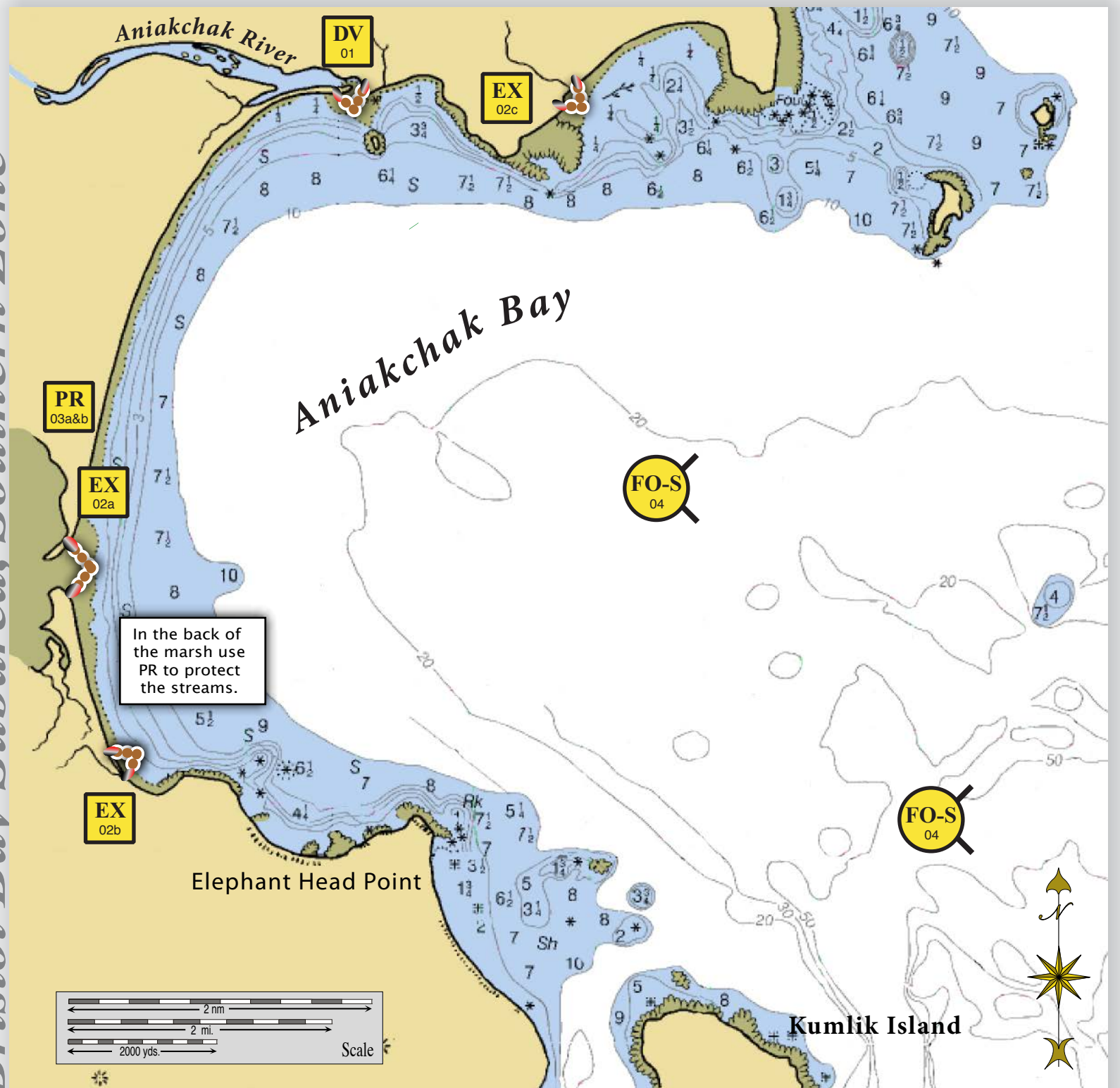
	Free-oil Recovery		Shoreside Recovery
	Passive Recovery		Fast-water Boom
	Exclusion Booming		Tidal-seal Boom
	Diversion Booming		Bears in Area, Guards Recommended

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Bristol Bay Subarea, Southern Zone

Aniakchak Bay, BB-S11

Center of map at 56° 42.84' N Lat., 157° 31.83' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-11-01 DV	Aniachak River Lat. 56° 45.79’N Lon. 157°30.61’W	Divert and Collect Divert oil to shore side collection locations on the spit that forms in front of the river.	Deploy anchors and boom with skiffs (class 6). Cascade 600 ft. of fstt-water boom in 300 ft. lengths extending from the spit to the shore at the proper angle to divert incoming oil to the collection site. Complete the shore side boom with 60 ft. of tidal seal boom. Set up shore-side recovery and tend throughout the tide	Deployment Equipment 600 ft. fast-water boom 60 ft. tidal seal boom 5 ea. anchor systems 4 ea. anchor stakes Vessels 1 ea. class 3 2 ea. class 6 Personnel/Shift 7 ea. vessel crew/general techs 2 ea. skilled techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew/general techs 1 ea. skilled techs	Vessel Platform	Via marine waters Chart 16568	Fish- intertidal spawning-salmon (June-Sept.) Birds-waterfowl, seabird and shorebird concentration Habitat- gravel beaches, marsh Human use-subsistence, commercial fishing	Vessel master should have local knowledge. A large population of bears are in the area. Bear guard required. Title 41 permitting required from ADNRR. Surveyed: not yet Tested: not yet
S-11-02 EX	Aniachak Bay a. Lat. 56° 42.47’N Lon. 157°33.63’W b. Lat. 56° 40.46’N Lon. 157°32.36’W c. Lat. 56° 45.66’N Lon. 157°26.88’W	Exclusion Exclude oil from impacting the streams in Aniachak Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. Place fast-water boom in a chevron pattern in front of the entrance to the streams. Complete the arrays by placing 60 ft. of tidal seal boom on each leg. Tend throughout the tide. Booms Length: a. 1500 ft b. 350 ft c. 300 ft	Deployment Equipment 2150 ft. fast-water boom 6480ft. tidal seal boom 10 ea. anchor systems 12 ea. anchor stakes Vessels/Personnel/Shift Same as S-11-01 Tending Vessels/Personnel/Shift Same as S-11-01	Vessel Platform	Via marine waters Chart 16568	Same as S-11-01	Vessel master should have local knowledge. Surveyed: not yet Tested: not yet
S-11-03 PR	Aniachak Bay Black Creek a. Lat.56° 43.36’N Lon.157°05.97’W Wolverine Creek b. Lat.56° 41.39’N Lon.157°34.04’W	Passive Recovery Survey the area prior to deployment. Place passive recovery across entrances to the identified streams in the Aniachak Bay Lagoon.	Place and anchor snare line or sorbent boom across the streams in Aniachak Bay. Replace as necessary to maximize the recovery. Boom Lengths: a. 250 ft b. 200 ft	Deployment Equipment 450 ft. snare line or sorbent boom 2 ea. anchor systems 4 ea. anchor stakes systems Vessels/Personnel/Shift Same as S-11-01 Tending Vessels/Personnel/Shift Same as S-11-01	Vessel Platform	Via marine waters Chart 16568	Same as S-11-01	Vessel master should have local knowledge. Title 41 permitting required from ADNRR.
S-11-04 FO-S	Aniachak Bay Nearshore waters in the general area of: Lat. 56° 42.84’N Lon. 157°31.83’W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Aniachak Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Aniachak Bay. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Chignik	Via marine waters Chart 16568	Same as S-11-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.